

### **Amendments to the Specification:**

Please replace paragraph [0037] with the following amended paragraph:

[0037] The frame 93 includes a pump 38 driven by the motor 39. A suction line 65 extends from a lower portion of the tank 52 to the pump 38. Due to the stratification of grease above the water in the tank 52 and the low position of the intake to the line 65, the pump initially pumps water from the tank into the grease collection cartridge 12, followed by grease. The water dissolves the package 32, releasing the reactant, which dissolves in the water under the agitation of the rotating baffle. When the grease is delivered to the cartridge 12, it is mixed with the reactant by the rotating baffle. As the pumping proceeds, the motor 39 rotates the mixing baffle 14 in the grease collection cartridge 12. The rotation of the mixing baffle 14 mixes grease, water and sodium hydroxide (lye) within the grease collection cartridge 12. The sodium hydroxide becomes a liquid reactant that combines chemically with the grease and oil to turn the mixture into soap. The dissolution of sodium hydroxide is strongly exothermic, so once the process starts, the continued pumping of water and grease and their mixing preferably proceeds promptly to prevent excess temperatures by providing a large heat sink of water, grease and then soap.

Please replace paragraph [0040] with the following amended paragraph:

[0040] The tank 52 includes sensors to indicate when certain conditions are met. A “grease full” sensor 66 signals when the cartridge holder assembly 52 contains a quantity of grease appropriate to be transferred into the grease collection cartridge 12. A “water full” sensor 67 signals when the cartridge holder assembly 52 contains the desired quantity of water. These signals are sent to a control system 61 such as a programmable logic controller which controls the engagement of the electrical components as discussed below ~~in connection with Figure 9.~~

The control system may also be provided by a series of relays or “and gates.” Similar features are included in the embodiment of Figure 1.